

FIG. 1

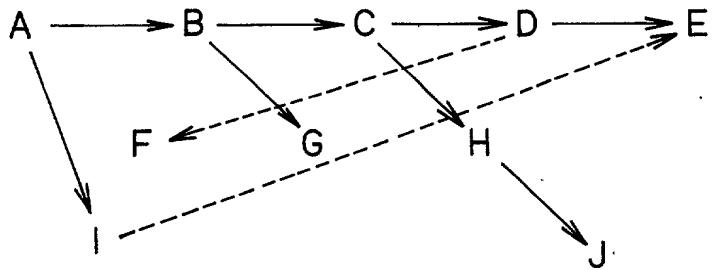


FIG. 2

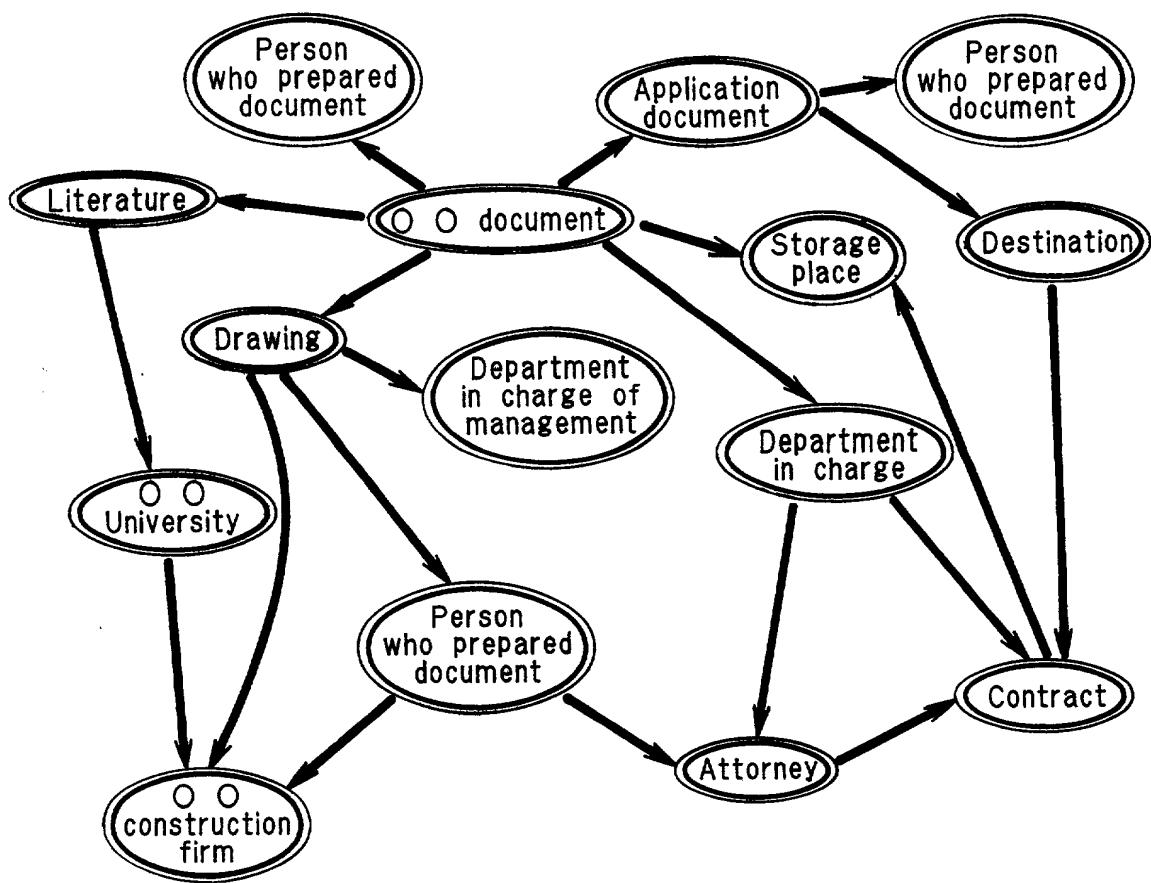


FIG. 3

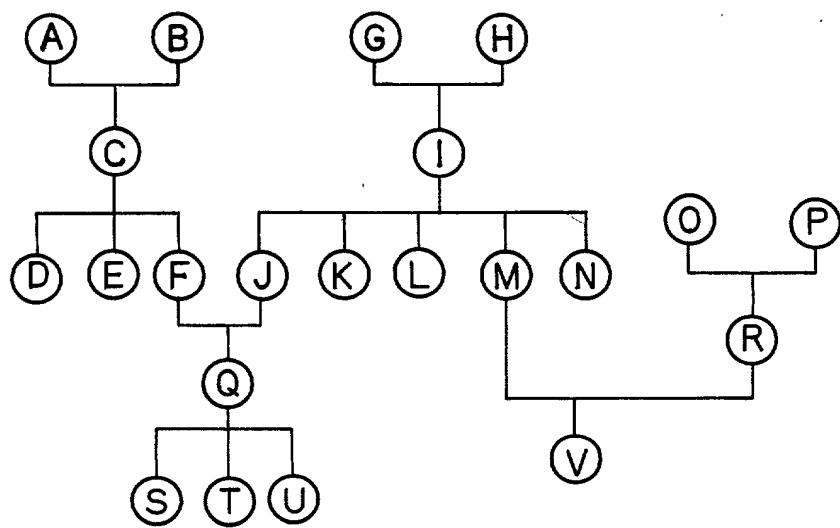


FIG. 4

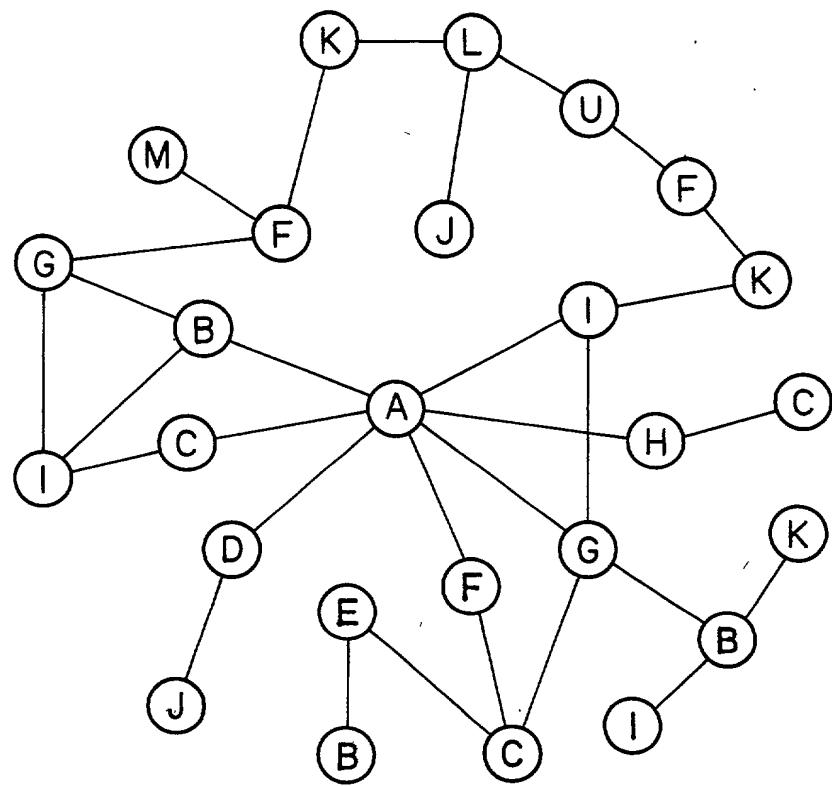


FIG. 5

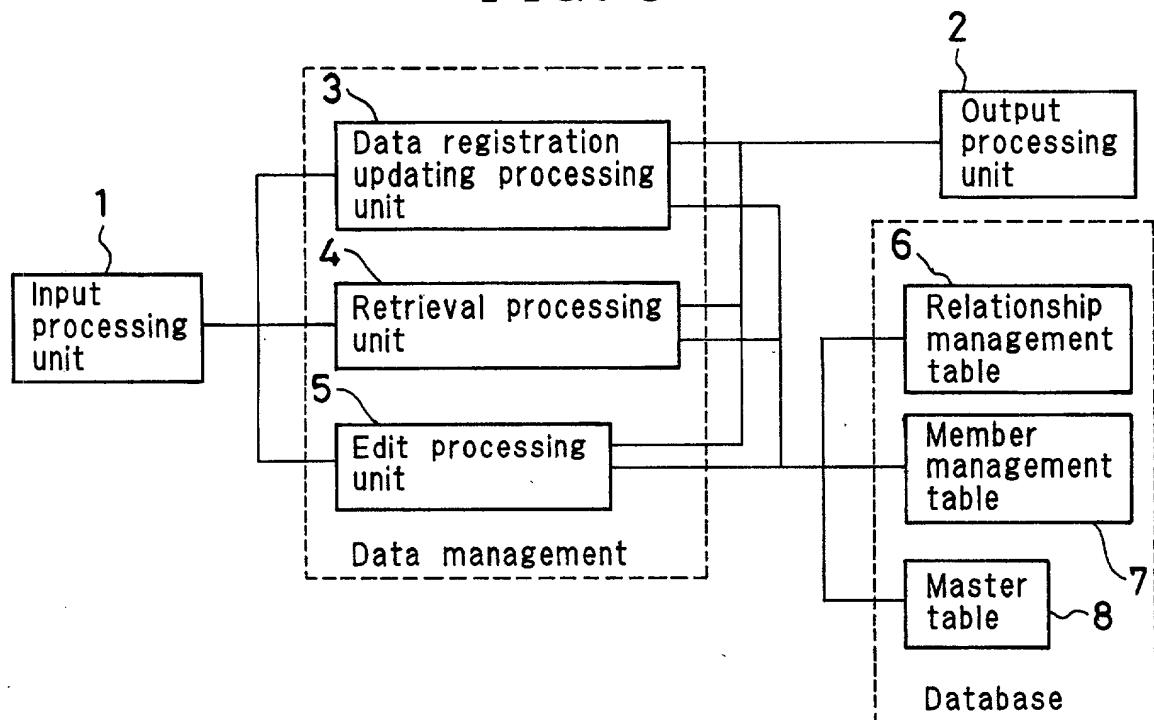


FIG. 6

Identifier	Member detailed information	
Type		Summary
Rank		History
Classification		
Job type		
Data		

FIG. 7

Identifier (parent)	Identifier (child)	Relationship classification

FIG. 8(A) FIG. 8(B)

Table for each type	
Member type	Rank table
Person	Rank
Company	Most important
Document	Important
	Customer A rank

Rank	Priority rank
Most important	High
Important	Intermediate
Customer A rank	Low

Classification table		
Lage classification	Medium classification	Small classification
Tokyo	Shibuya-ku	Ebisu
Head office	General Affairs Dept.	General Affairs Dept.

FIG. 8(D)

Job type table	
Manufacturer	
Information service provider	
Self-governig body	

Relationship classification table

Relationship classification	Priority rank
Superior staff	High
Subordinate staff	Medium

FIG. 8(E)

FIG. 9

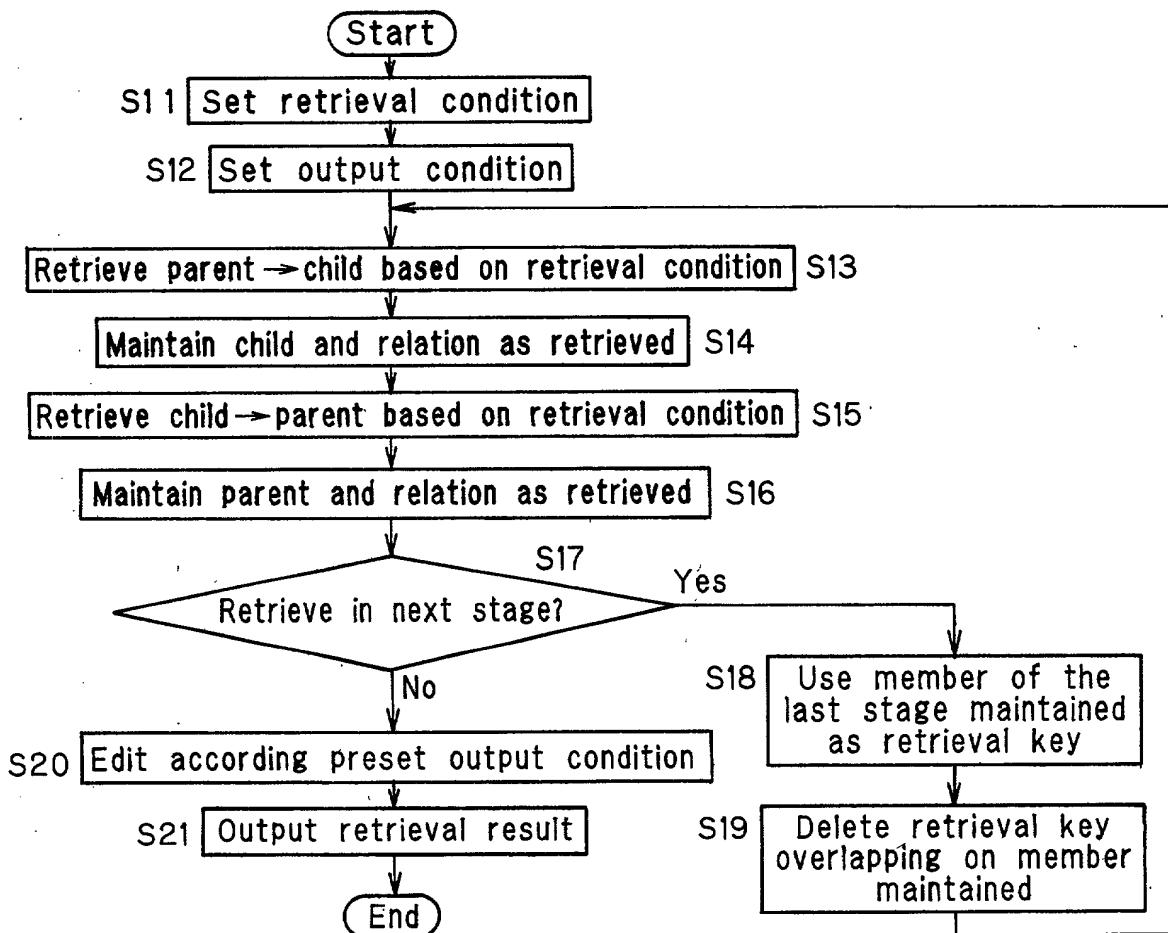


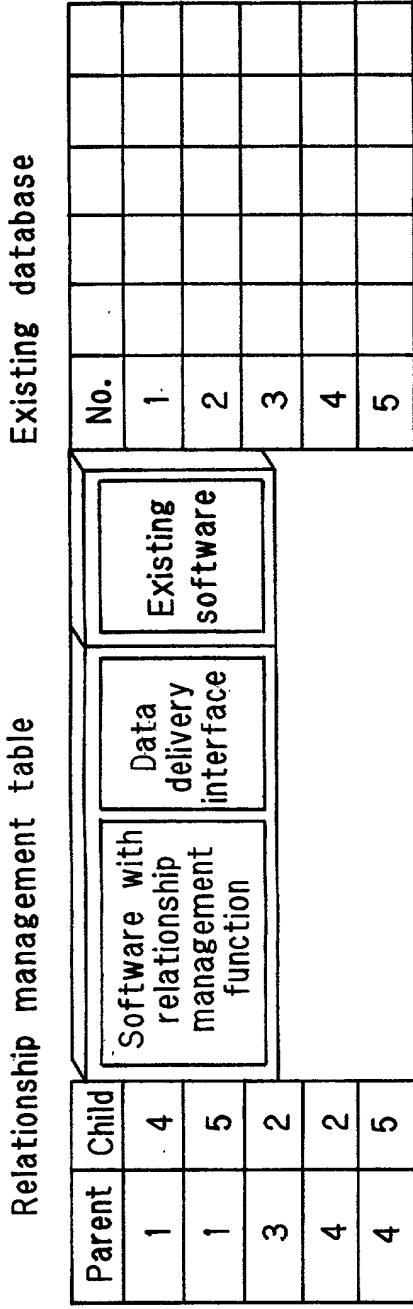
FIG. 10(A)

Member name (ID)	
Type	
Classification	
Rank	
Job type	
Scope of retrieval	

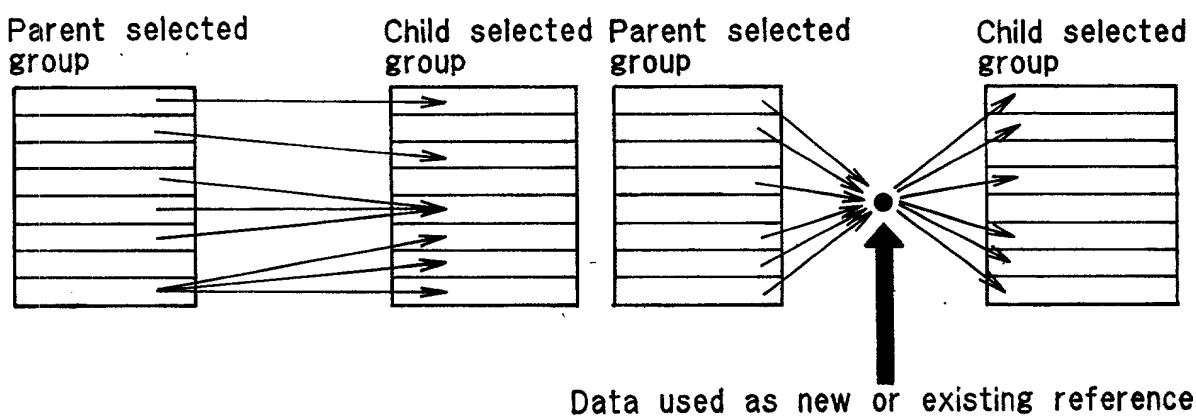
FIG. 10(B)

Parent	
Child	
Color	Parent Child
Relationship	
Mode	
Pattern	

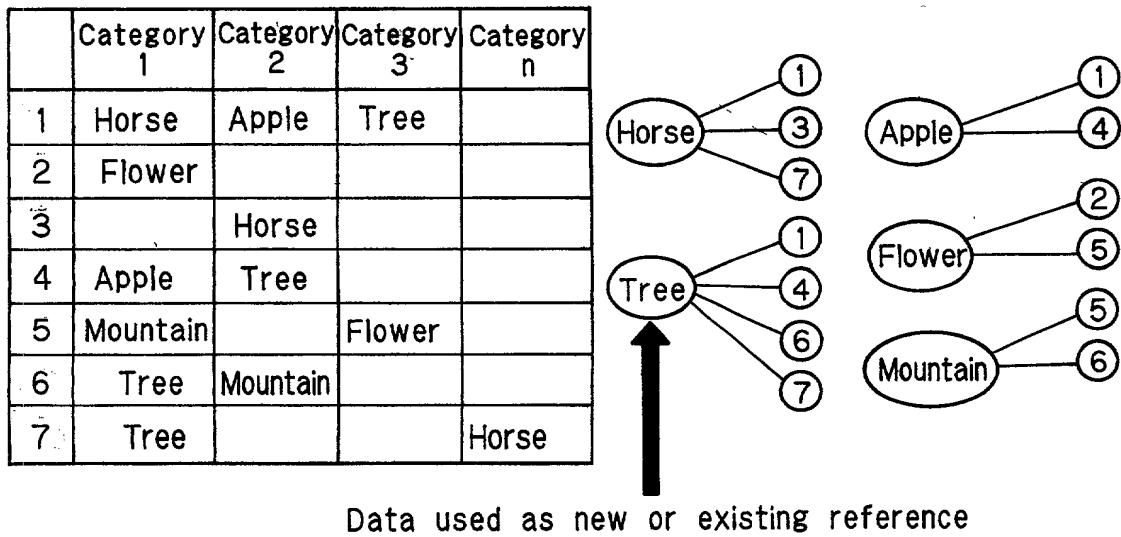
**FIG. 11**



**FIG. 12**



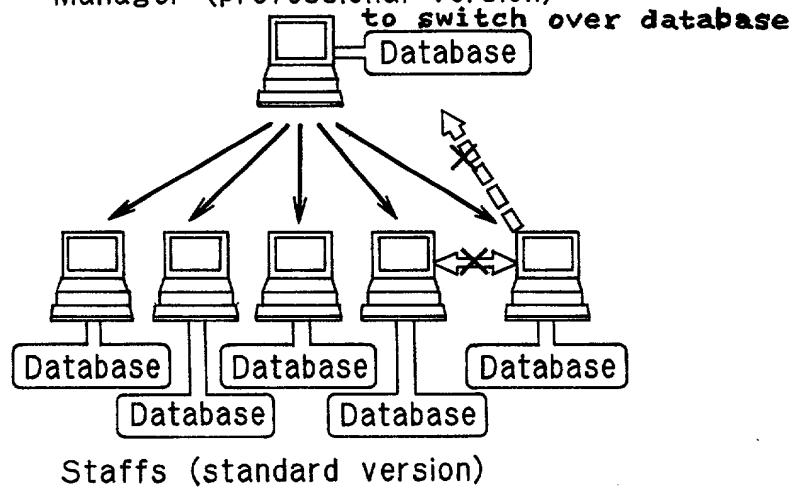
**FIG. 13**



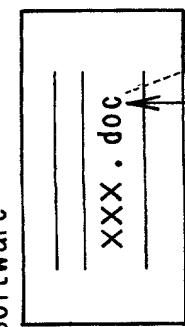
**FIG. 14**

Manager (professional version)

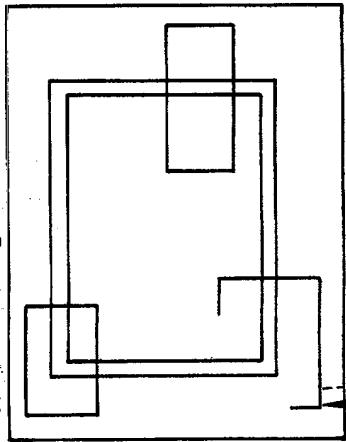
to switch over database



**FIG. 15 (B)** File management software



**FIG. 15 (C)** CAD drawing



**FIG. 15 (A)**

Table calculation software

A3	A	B	Nagasaki
1	Fukuoka	123	C
2	Saga	124	23
3	Nagasaki	125	45
4	Oita	126	67
5	Kumamoto	127	89
6	Miyazaki	128	111
7	Kagoshima	129	133
8			

**FIG. 15 (D)** Any object in drawing  
The entire image or a portion selected as desired



**FIG. 15 (E)**  
Relationship management table

Parent	Child
1	4
1	5
3	2
4	2
4	5

**FIG. 15 (F)**

Member management table

Identifier	Object or attribute or attribute information
1	
2	
3	
4	
5	

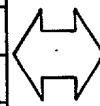
### FIG. 16(A)

Relationship management table

Parent	Child
1	4
1	5
3	2
4	2
4	5

Member management table

ID	FAT information or address recorded in FAT
1	
2	
3	
4	
5	

 FAT information

### FIG. 16(B)

Relationship management table

Parent	Child
1	4
1	5
3	2
4	2
4	5

File allocation table

ID	FAT information
1	
2	
3	
4	
5	

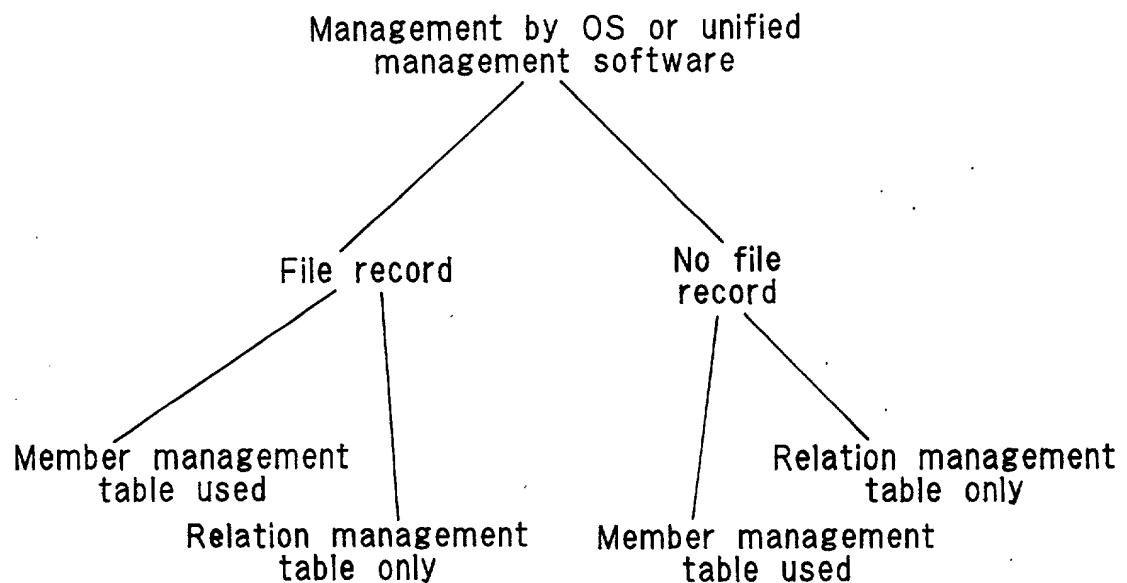
### FIG. 16(C)

Relationship management table

FAT information and the like	FAT information and the like

 FAT information

**FIG. 17(A)**



**FIG. 17(B)**

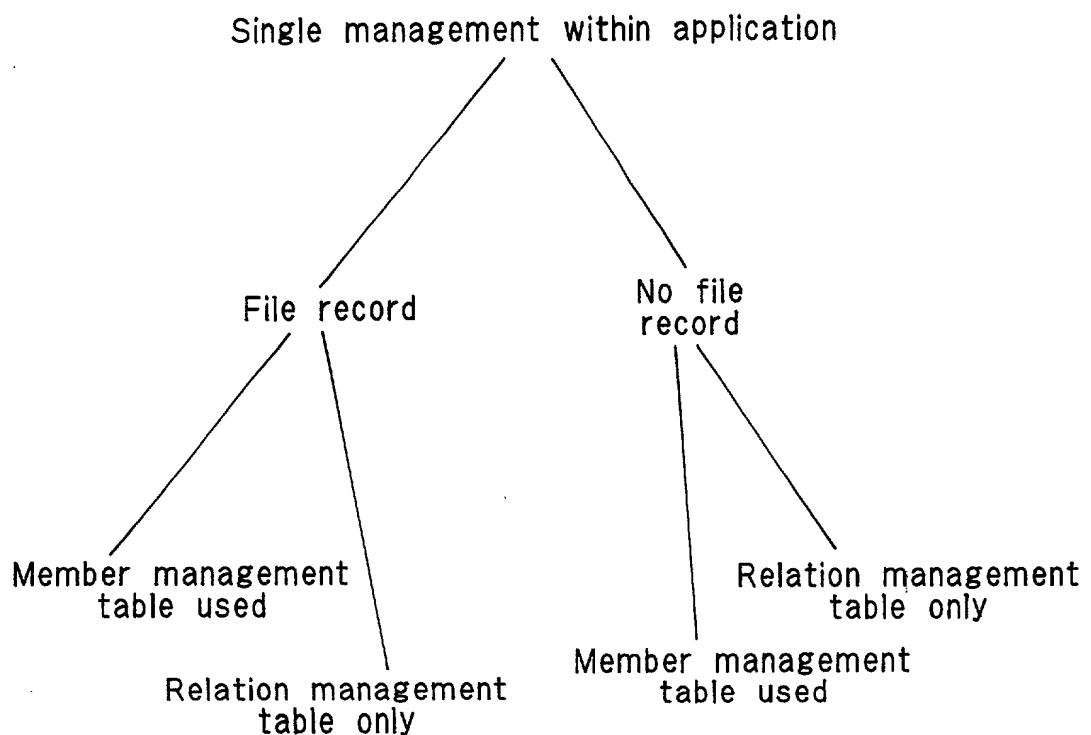
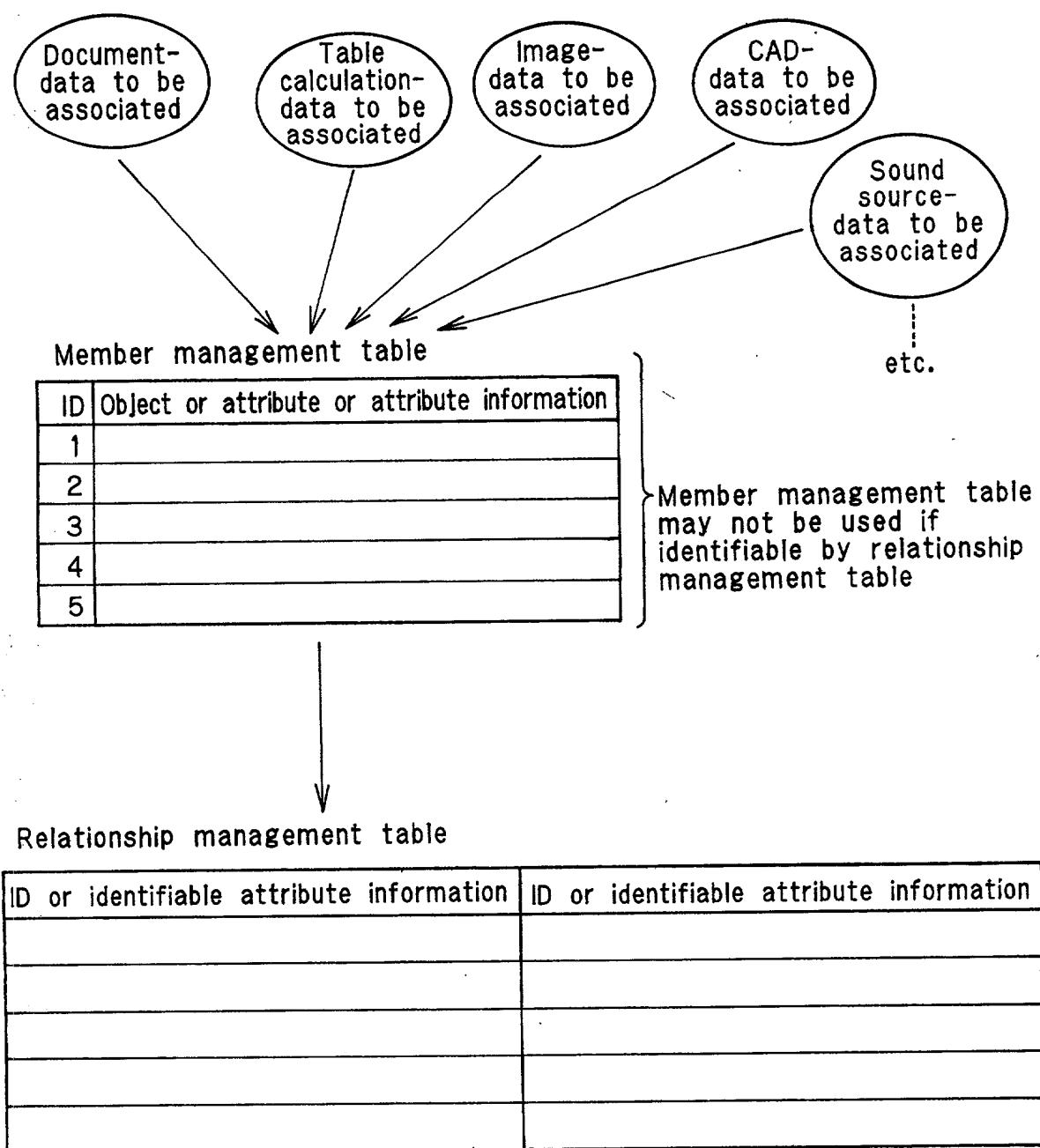
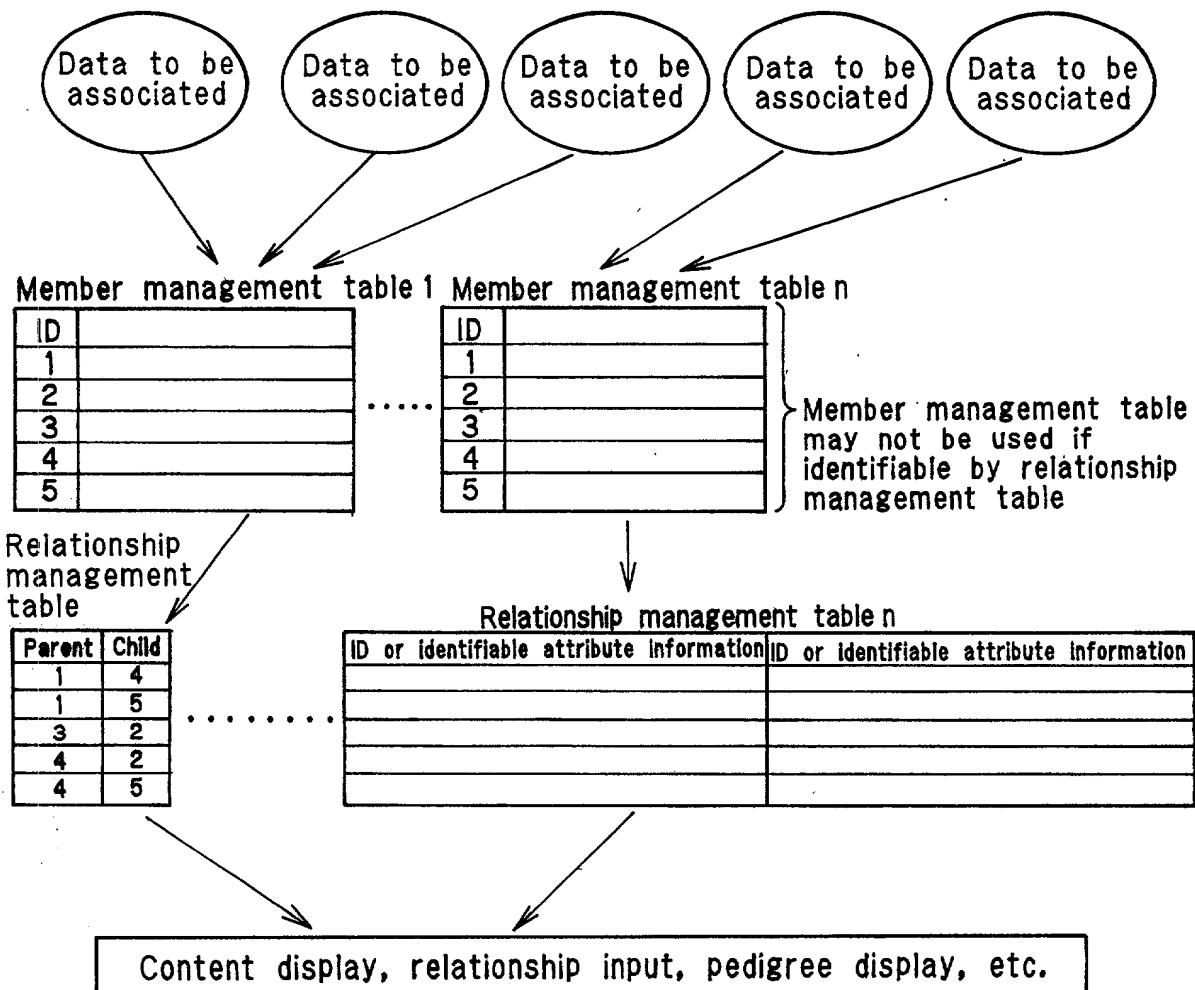


FIG. 18



**FIG. 19(A)**



**FIG. 19(B)**

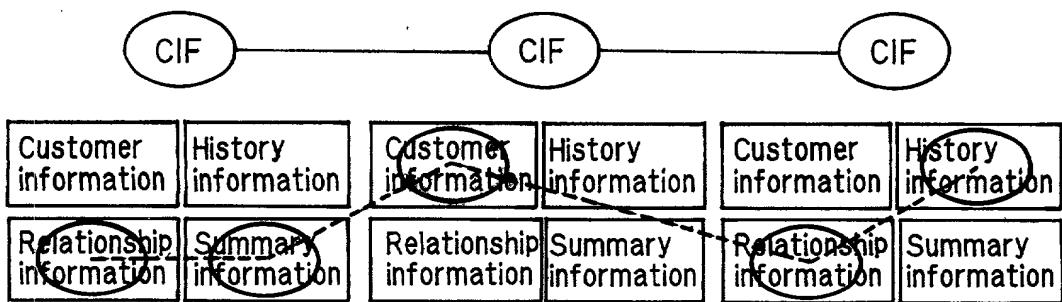


FIG. 20

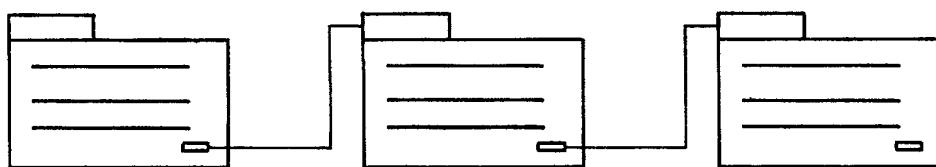
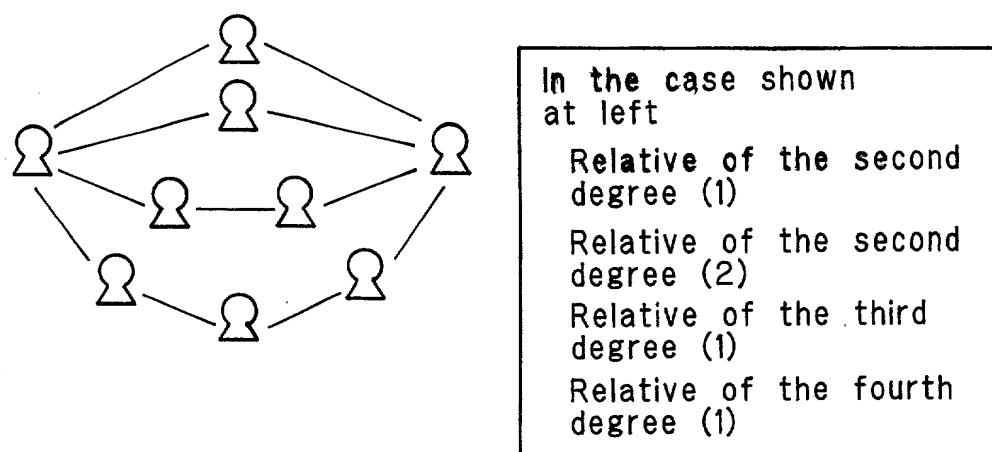


FIG. 42



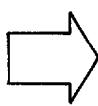
**FIG. 21**

In case members are aligned  
in the order of parents

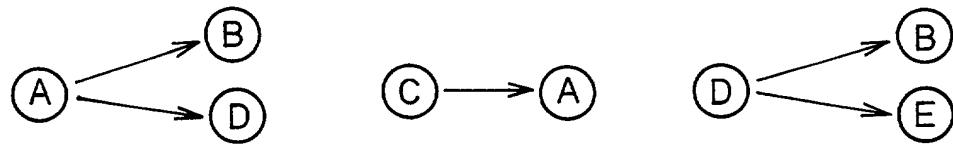
Parent	Child	Relationship
A	B	Friend
A	D	Family member
C	A	Colleague
D	B	Fishing friend
D	E	Fishing friend

In case members are aligned  
in the order of children

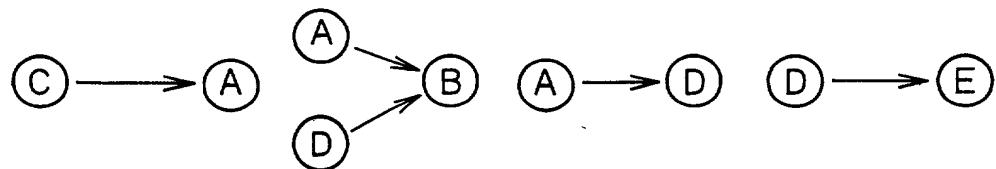
Parent	Child	Relationship
C	A	Colleague
A	B	Friend
D	B	Fishing friend
A	D	Family member
D	E	Fishing friend



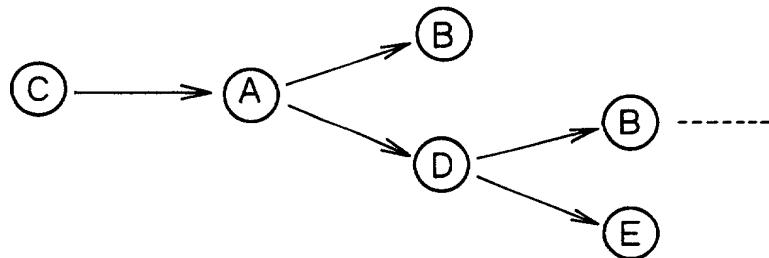
**FIG. 22**



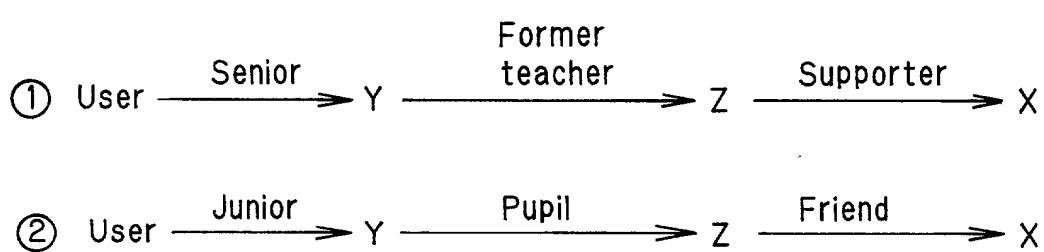
**FIG. 23**



**FIG. 24**



## FIG. 25



## FIG. 26

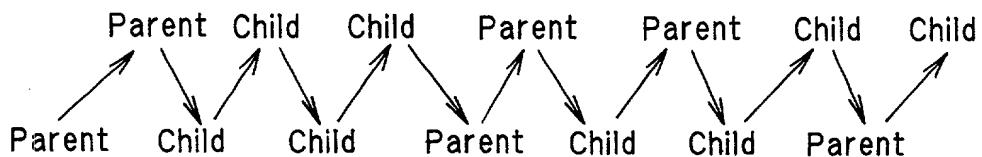


FIG. 27

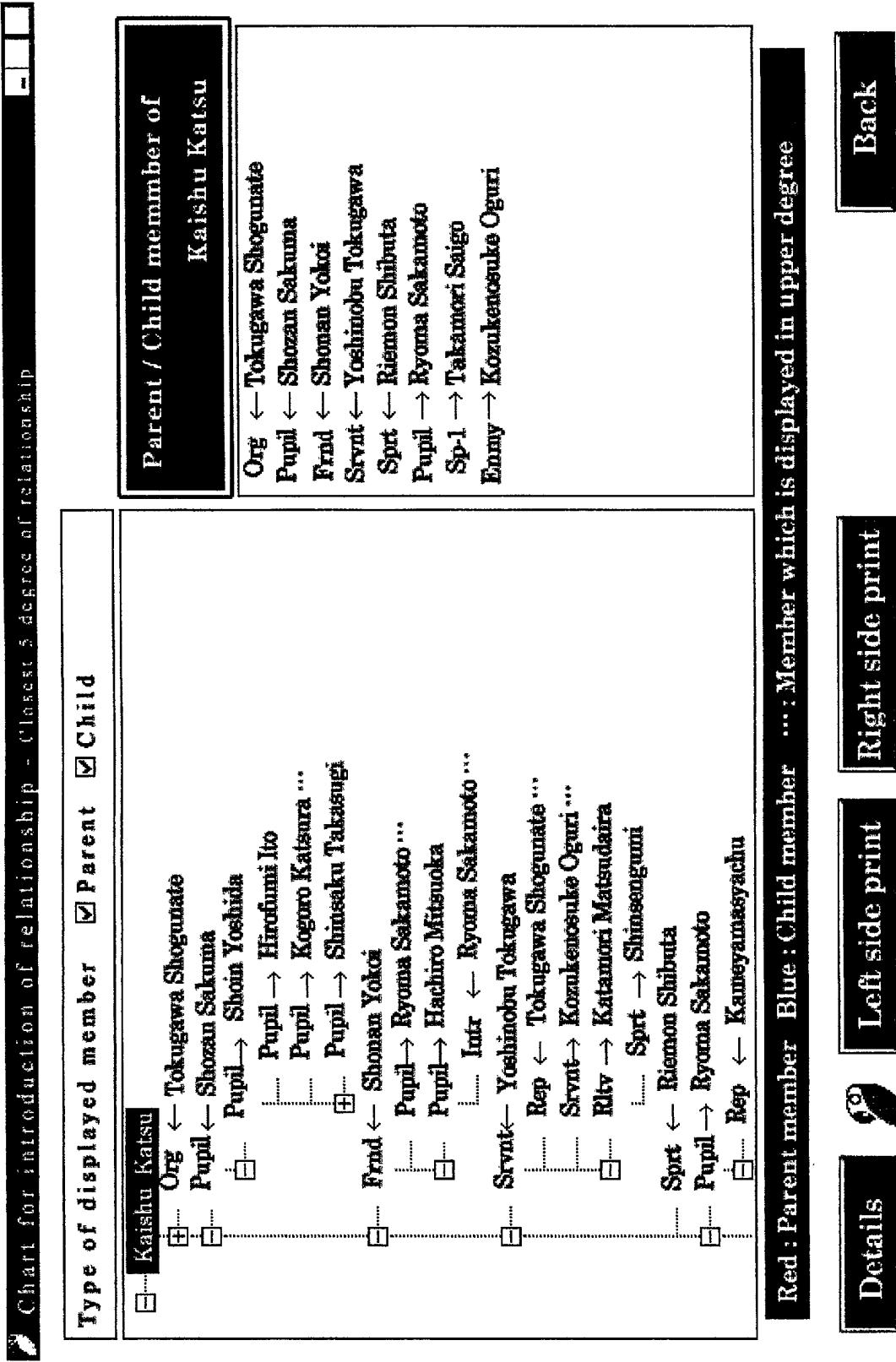


FIG. 28

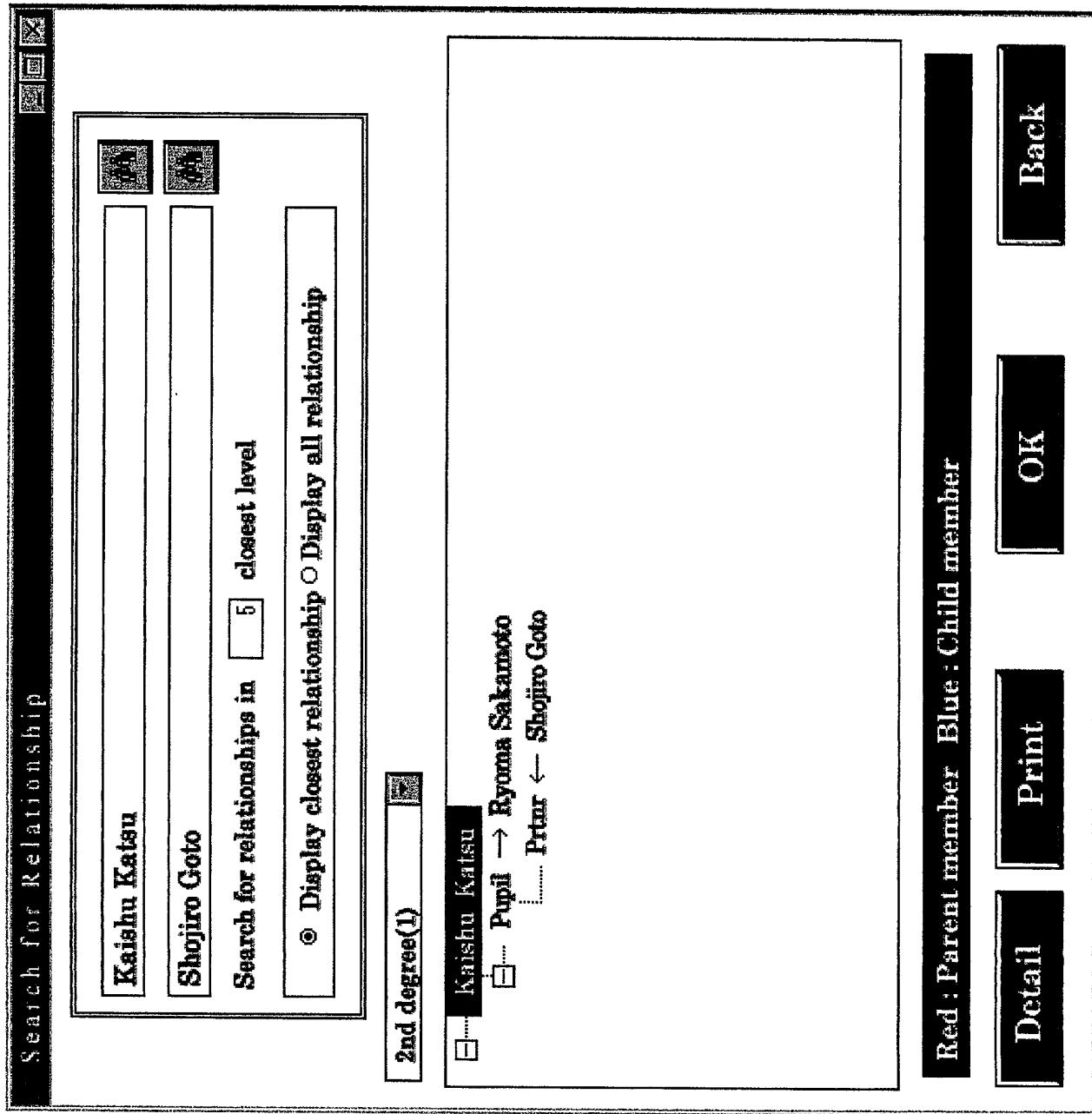


FIG. 29

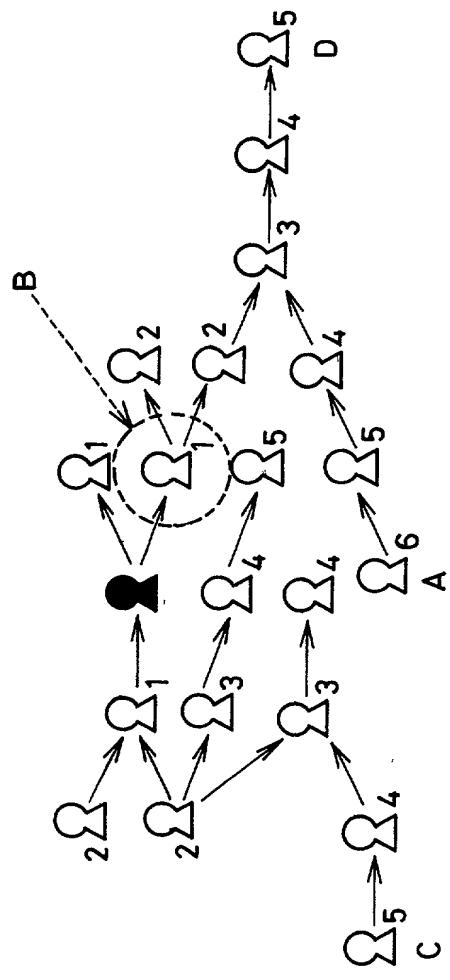


FIG. 30

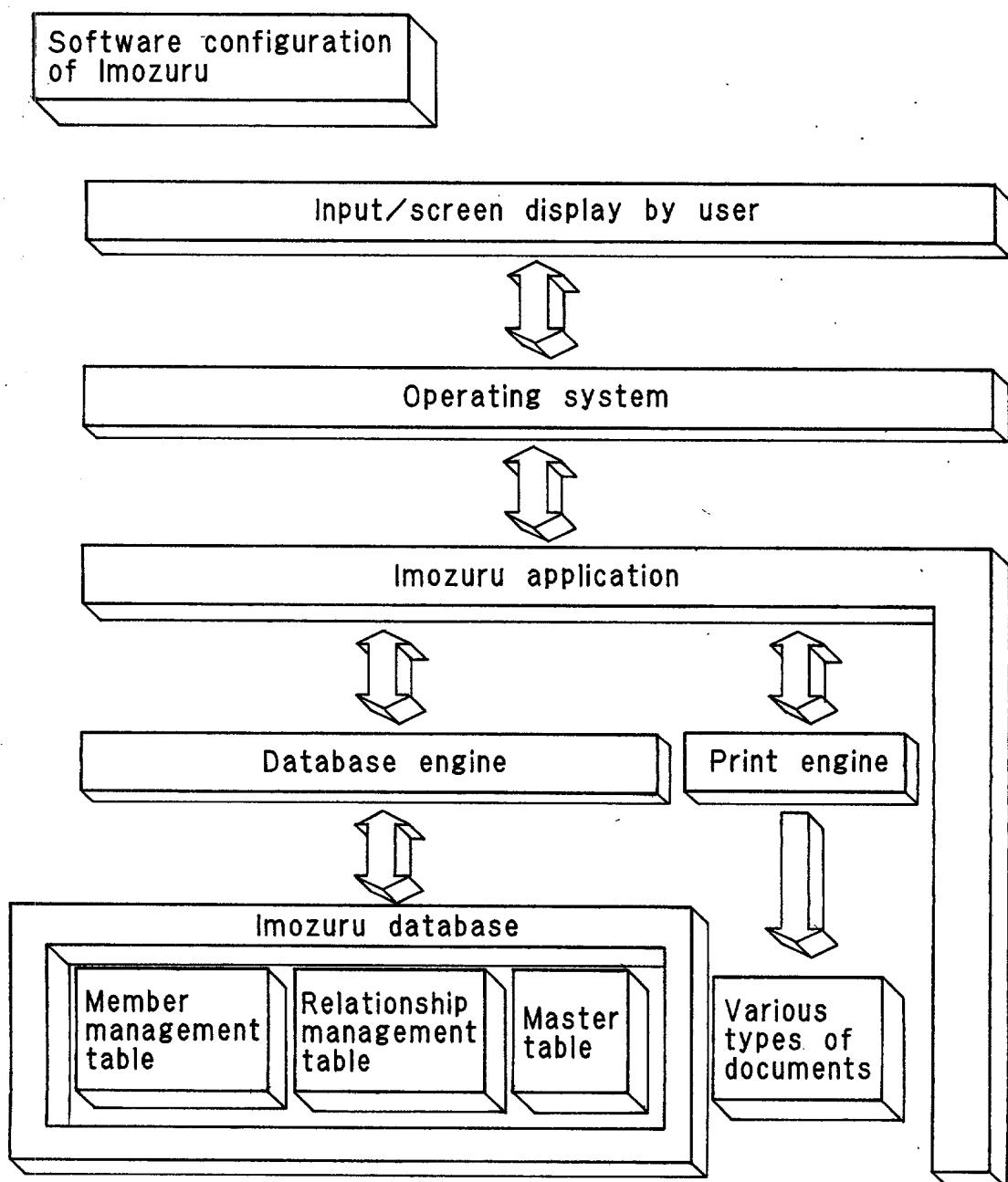


FIG. 31

Pedigree-like Personal Relationship Management System - "IMOGURU-KUN"						
All		AB	CD	ETC	III	JKL
MN		OP	QR	STU	VZ	Symb
Cond						
1	Person	Hirofumi Ito	Name1	Name2	Phone	Address
2	Company	Irohamaru	Irohamaru			
3	Person	Tomomi Iwakura	Iwakura Tomomi		Kyoto	
4	Company	Tokugawa Shogu	Shogunate Tokug		Chiyoda-ku Tok	
5	Person	Toshimichi Okubo	Okubo Toshimich		Satsuma	
6	Person	Kozukeneke O	Oguri Kozukene		Surugadai Edo	
7	Person	Kaishu Katsu	Katsu Kaishu	xxxx-xxxx	Hikawa Edo	
8	Person	Kogen Kataura	Kataura Kogenro	xxxx-xxxx	Hegi Chosho	
9	Company	Kameyamashach	Kameyamashach	xx-xxxx-xxxx		
10	Person	Shojuro Goto	Goto Shojuro		Kochi Tosa	
11	Person	Takanori Saigo	Saigo Takanori		Satsuma	
12	Person	Ryoma Sakamoto	Sakamoto Ryoma	xx-xx-xxx	Kochi	
13	Person	Shozan Sakuma	Sakuma Shozan	xx-xx-xxx	Shinshu	
14	Person	Riemon Shibuta	Shibuta Riemon	xx-xxxx-xxx	Hokkaido	
15	Company	Shinsengumi	Shinsengumi		Kyoto	
16	Person	Shinsaku Takasugi	Takesugi Shinsaku	xxxx-xxxx	Chosho	
17	Person	Yoshinobu Tokug	Tokugawa Yoshin	xx-xx-xxx	Mito	
18	Person	Katamori Matsu	Matsudaira Kata	xx-xx-xxx	Kyoto	
19	Person	Hachiro Matsuok	Matsuoka Hachir	xx-xxxx-xxx	Echizen	
20	Person	Shonan Yokoi	Yokoi Shonan		Higo	
21	Person	Shooin Yoshida	Yoshida Shooin		Nagato	

**Management**

Add Member

Modify

Delete

Input relationship

Display link tree

**Basic Data**

**Configuration**

**Environment**

Close "IMOGURU-KUN"

FIG. 32

Register / Modify Member detail

Person    Company

Registration date	Modification date & time
2000/10/24	2001/09/05 09:49:10

Name1	Ryoma Sakamoto	<input checked="" type="checkbox"/> Secret
Name2	Sakamoto Ryoma	<input checked="" type="checkbox"/>
Sex	<input checked="" type="radio"/> Male <input type="radio"/> Female <input type="radio"/> N/A	<input checked="" type="checkbox"/>
Zip	xxx-xxx	<input checked="" type="checkbox"/> Mail to: <input type="radio"/> Not Mail
Home Address	Tosa Kochi	<input checked="" type="checkbox"/>
Phone	xxx-xxxx-xxxx	Facsimile <input type="radio"/> xxx-xxxx-xxxx
Cell Phone	xxx-xxxx-xxxx	<input checked="" type="checkbox"/>
BOX	Most Important	<input checked="" type="checkbox"/>
Birthday	1835/11/15 (Age 166)	<input checked="" type="checkbox"/>
Class	030301 Representative	<input checked="" type="checkbox"/>
	Nagasaki-Company	<input checked="" type="checkbox"/>
E-mail	xxx@xxx.ne.jp	<input checked="" type="checkbox"/>
URL	www.xxx.ne.jp	<input checked="" type="checkbox"/>
<input type="button" value="Print"/> <input type="button" value="Delete"/> <input type="button" value="New Mem"/>		
<input type="button" value="Relation"/> <input type="button" value="History"/> <input type="button" value="Back"/>		
<input type="button" value="Modify"/> <input type="button" value="Custom1 01-001"/> <input type="button" value="Custom2 1867/11/15"/>		
<input type="button" value="Modify"/> <input type="button" value="Delete"/> <input type="button" value="New Mem"/>		



I m a g e  
d:\xxx\xxxx\xxxx.bmp

FIG. 33

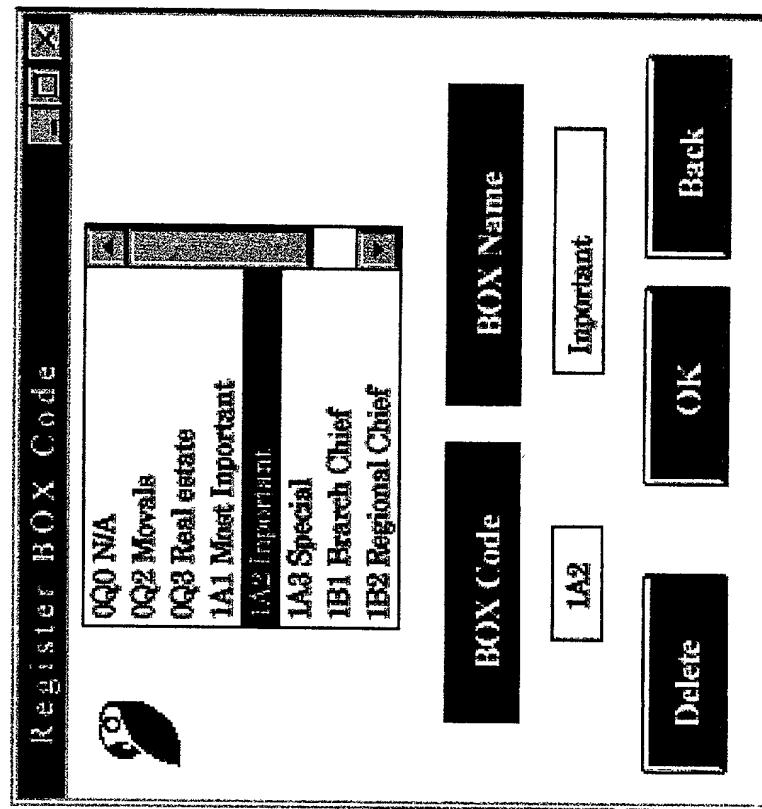


FIG. 34

Modify priority of BOX

Priority	BOX	Name of class
1	0Q0	NA
2	0Q2	Movals
3	0Q3	Real estate
4	1A1	Most Important
5	1A2	Important
6	1A3	Special
7	1B1	Branch Chief
8	1B2	Regional Chief
9	1C1	General
10	2A1	Sp-A Strang

New

Old

Priority      Before      FOX      Name of class

Add →

Upper of current  
 End of list

Return ←

OK      Back



FIG. 35

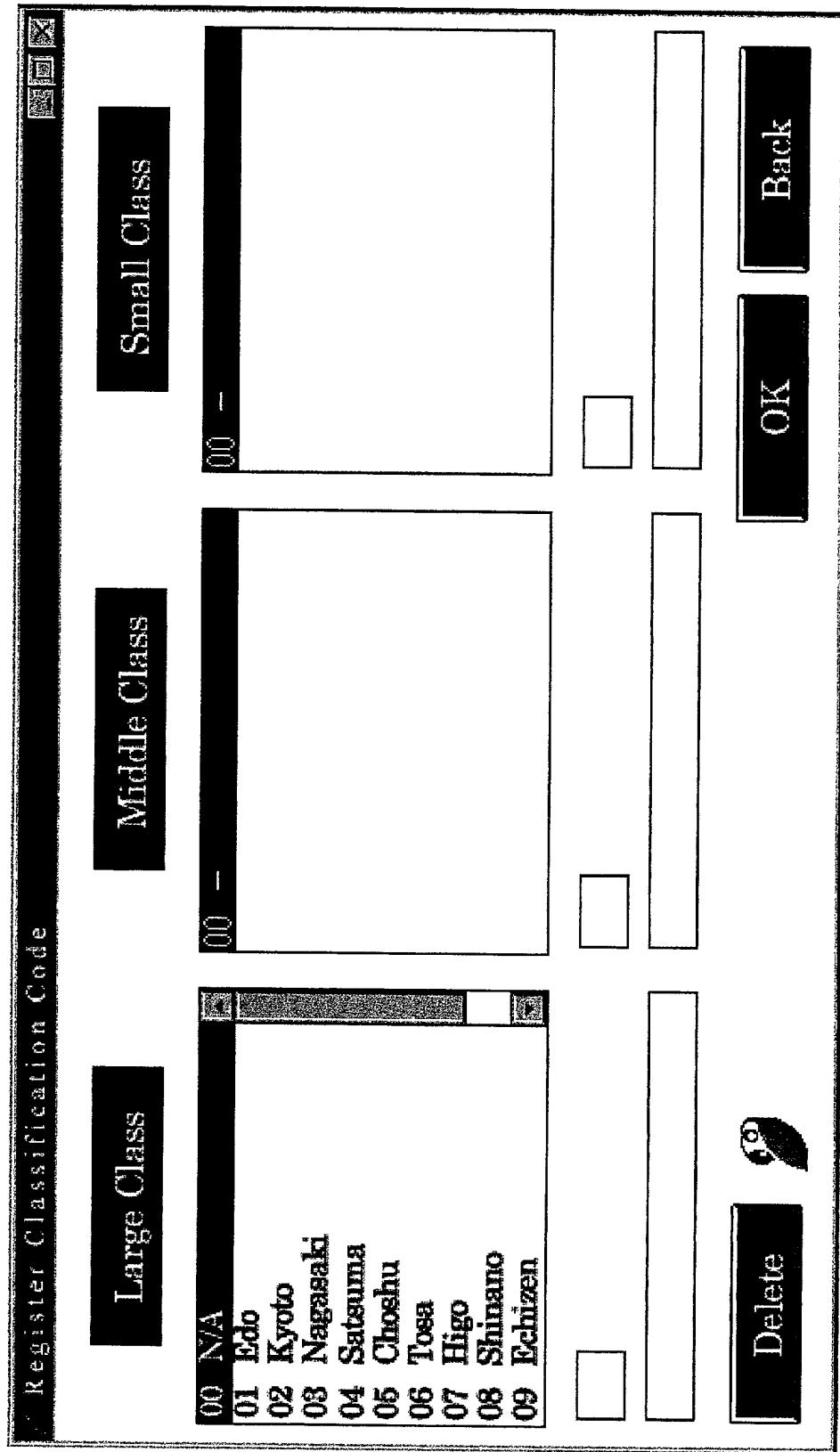


FIG. 36

Register Relationship Classification	
For Modification data, double-click or type relationship classification code.	
000	NA
002	Same Member
003	Representative
004	Belonging Organization
005	Fellow
006	Pupil
007	Introducer
008	Friend
009	Servant
010	Parent
011	Child
012	Spouse
013	Brother
014	Sister
015	Friend
016	Relative
017	Associate
018	Employee
019	Customer
020	Supplier
021	Client
022	Supplier
023	Employee
024	Customer
025	Client
026	Supplier
027	Employee
028	Customer
029	Client
030	Supplier
031	Employee
032	Customer
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579	Employee
580	Customer
581	Client
582	Supplier
583	Employee
584	Customer
585	Client
586	Supplier
587	Employee
588	Customer
589	Client
590	Supplier
591	Employee
592	Customer
593	Client
594	Supplier
595	Employee
596	Customer
597	Client
598	Supplier
599	Employee
600	Customer
601	Client
602	Supplier
603	Employee
604	Customer
605	Client
606	Supplier
607	Employee
608	Customer
609	Client
610	Supplier
611	Employee
612	Customer
613	Client
614	Supplier
615	Employee
616	Customer
617	Client
618	Supplier
619	Employee
620	Customer
621	Client
622	Supplier
623	Employee
624	Customer

FIG. 37

FIGURE 38. The 10 main types of the *MyoD* family.

Register Relationship

 <b>Base member</b>	<input type="checkbox"/> <b>BOX</b>	<input type="checkbox"/> <b>Most Important</b>	Notes of parent
Ryoma Sakamoto			Notes of Child
 <b>Object member</b>	<input type="checkbox"/> <b>BOX</b>	<input type="checkbox"/> <b>Relationship</b>	Notes of Relationship
Sekamoto Ryoma			Introducing date
 <b>Relationship</b>	<input type="checkbox"/> <b>from Parent</b>	<input type="checkbox"/> <b>to Child</b>	Common Anniversary
 <b>Relationship</b>	<input type="checkbox"/> <b>from Parent</b>	<input type="checkbox"/> <b>to Child</b>	Notes date
 <b>Relationship</b>	<input type="checkbox"/> <b>from Parent</b>	<input type="checkbox"/> <b>to Child</b>	P to C Degree
 <b>Relationship</b>	<input type="checkbox"/> <b>from Parent</b>	<input type="checkbox"/> <b>to Child</b>	C to P Degree
 <b>Relationship</b>	<input type="checkbox"/> <b>from Parent</b>	<input type="checkbox"/> <b>to Child</b>	Degree of Friendship
 <b>Relationship</b>	<input type="checkbox"/> <b>from Parent</b>	<input type="checkbox"/> <b>to Child</b>	Relate-Custom1
 <b>Relationship</b>	<input type="checkbox"/> <b>from Parent</b>	<input type="checkbox"/> <b>to Child</b>	Relate-Custom2
 <b>Relationship</b>	<input type="checkbox"/> <b>from Parent</b>	<input type="checkbox"/> <b>to Child</b>	
 <b>Relationship</b>	<input type="checkbox"/> <b>from Parent</b>	<input type="checkbox"/> <b>to Child</b>	
 <b>Relationship</b>	<input type="checkbox"/> <b>from Parent</b>	<input type="checkbox"/> <b>to Child</b>	
 <b>Relationship</b>	<input type="checkbox"/> <b>from Parent</b>	<input type="checkbox"/> <b>to Child</b>	
 <b>Relationship</b>	<input type="checkbox"/> <b>from Parent</b>	<input type="checkbox"/> <b>to Child</b>	
 <b>Phone</b>	<input type="checkbox"/> <b>xx-xxxx-xxxx</b>	<input type="checkbox"/> <b>Faxsimile</b>	
 <b>Print relate</b>	 <b>Print Obj</b>	 <b>Print Detail</b>	 <b>Print</b>
 <b>Chart</b>	 <b>Detail</b>	 <b>Reset Relate</b>	 <b>Revise Relate</b>
 <b>Switch Obj</b>	 <b>Switch Detail</b>	 <b>Switch Print</b>	 <b>Switch</b>

FIG. 39

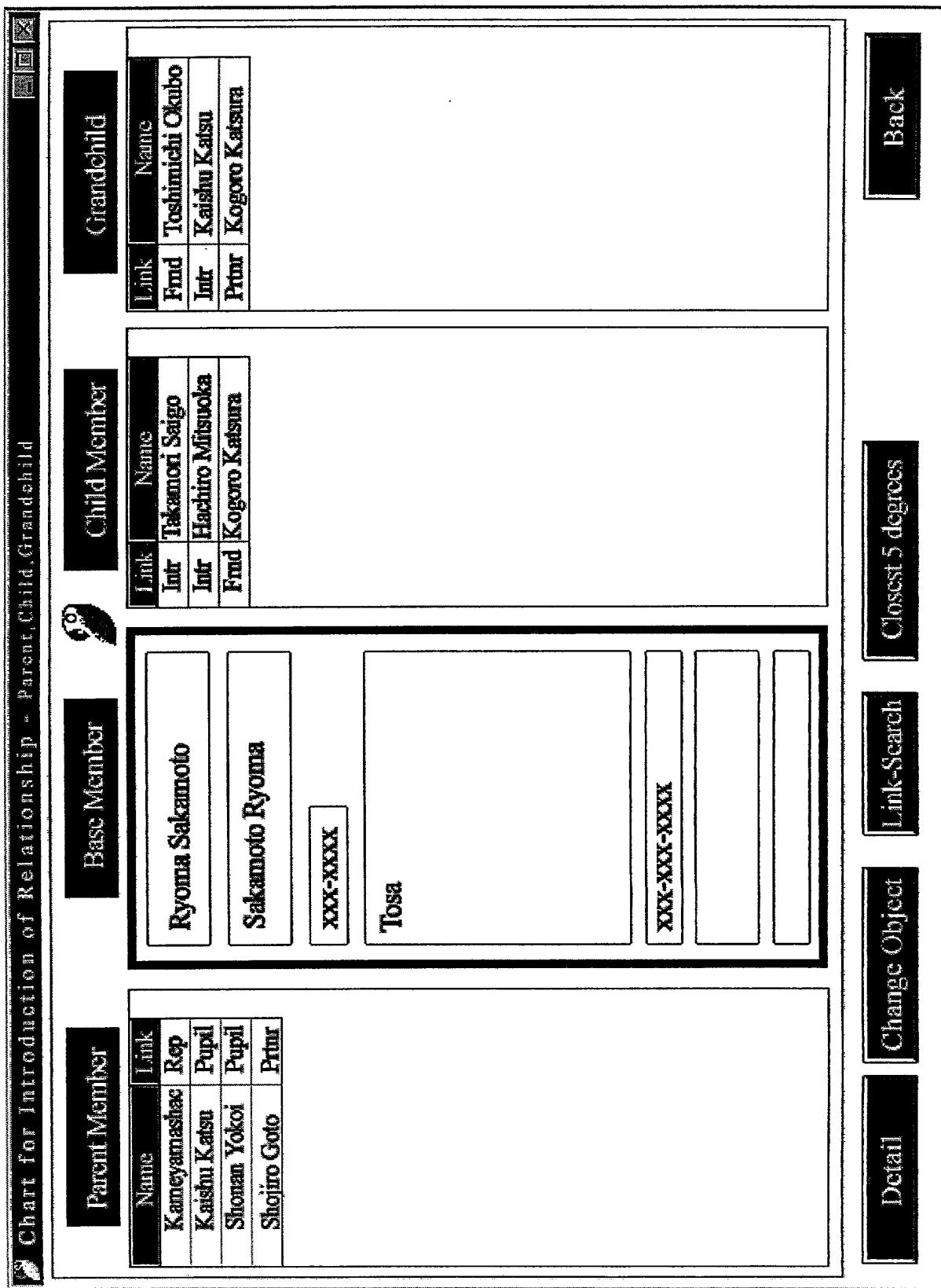


FIG. 40

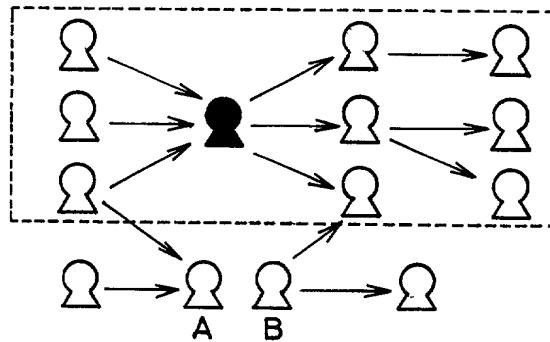
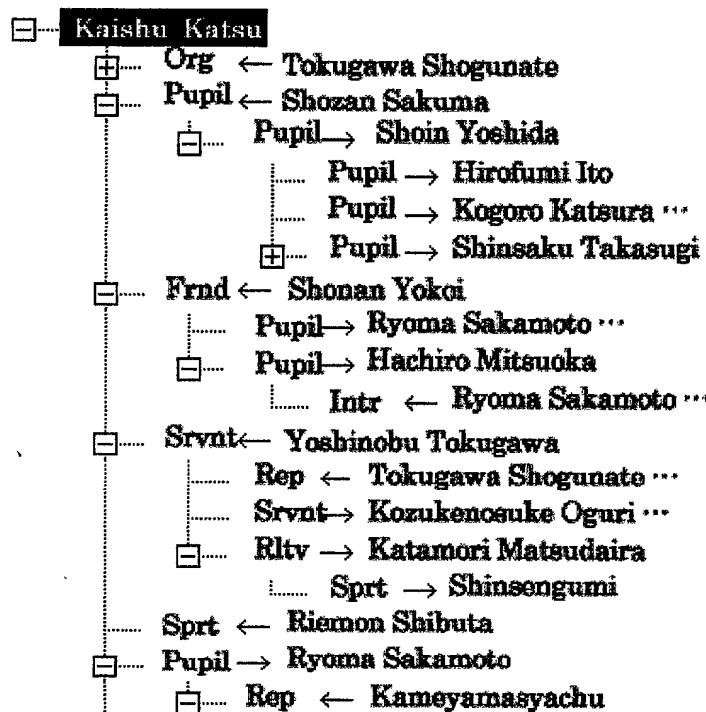


FIG. 41



**FIG. 43**

Relationship management  
table (KKT)

Relationship vector table (KVT)

ID	Parent	Child	Relationship classification	ID	Origin	Destination	Relationship classification	Time	Position	.....	Differentiation	KKT-ID
1	A	B	XXX	1	A	C	XXX	XXX	XXX	XXX	XXX	2
2	A	C	XXX	2	A	C	XXX	XXX	XXX	XXX	XXX	2
3	B	C	XXX	3	C	A	XXX	XXX	XXX	XXX	XXX	2
4	C	D	XXX	4	B	C	XXX	XXX	XXX	XXX	XXX	3
5	D	A	XXX	5	B	C	XXX	XXX	XXX	XXX	XXX	3
6	C	B	XXX	6	C	B	XXX	XXX	XXX	XXX	XXX	3
7	C	B	XXX	7	C	B	XXX	XXX	XXX	XXX	XXX	3
8	C	B	XXX	8	C	B	XXX	XXX	XXX	XXX	XXX	3
9	A	D	XXX	9	A	D	XXX	XXX	XXX	XXX	XXX	5
10	A	D	XXX	10	A	D	XXX	XXX	XXX	XXX	XXX	5

There may be arbitrary  
additional formation

Arbitrary additional information

FIG. 44

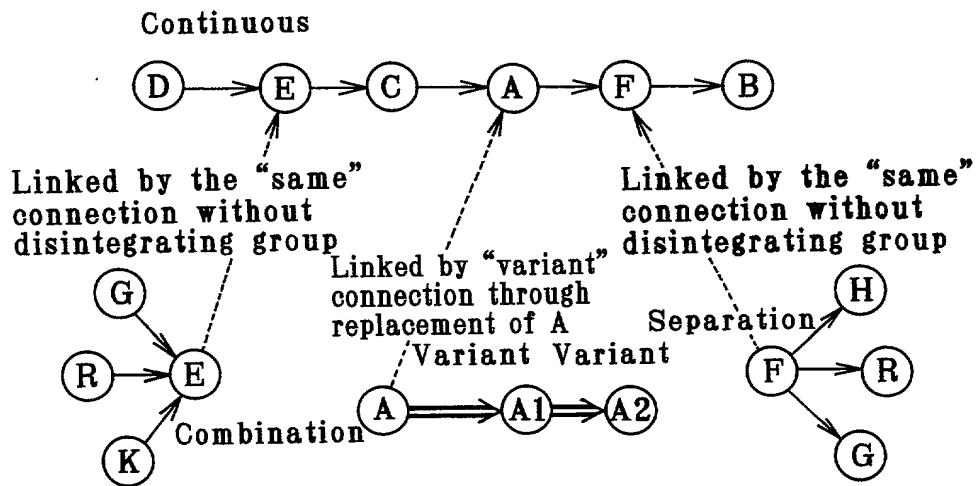


FIG. 45

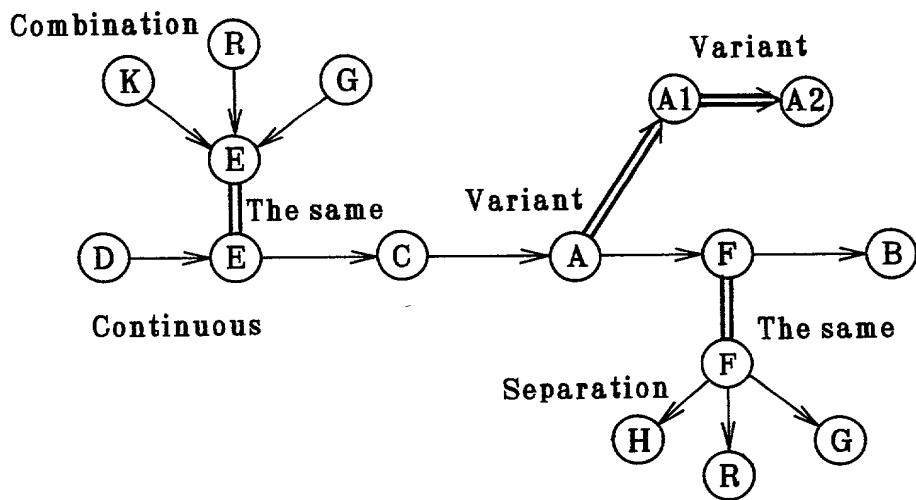


FIG. 46

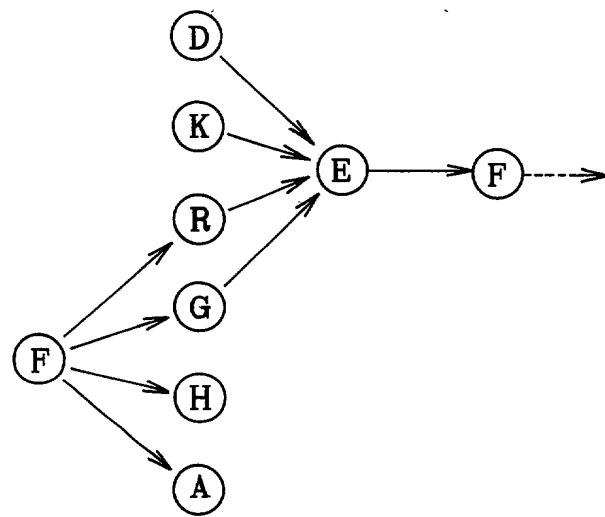


FIG. 47

